

CLAIM AMENDMENTS

1. (Currently Amended) A method comprising:
providing a signal to a communication link to communicate a data value across the communication link; and
selectively introducing at least ~~one wavelength~~ three different wavelengths to the signal, said at least ~~one wavelength~~ three different wavelengths identifying the data value.
2. (Currently Amended) The method of claim 1, wherein the presence of said at least ~~one wavelength~~ three wavelengths in the signal identifies the data value.
3. (Original) The method of claim 1, wherein said introducing comprises:
introducing a wavelength identifying a byte value.
4. (Original) The method of claim 1, wherein said introducing comprises:
introducing a wavelength identifying a bit state.
5. (Original) The method of claim 1, wherein said introducing comprises:
introducing wavelengths identifying different bit states of a digital value.
6. (Original) The method of claim 5, wherein the digital value comprises a nibble.
7. (Original) The method of claim 1, wherein the providing comprises:
providing the signal to an optical fiber.
8. (Currently Amended) A method comprising:
receiving a signal from a communication link, the communication link to communicate a data value; and
detecting the presence of at least ~~one wavelength~~ three wavelengths in the signal to identify the data value.

9. (Original) The method of claim 8, wherein the detecting comprises:
detecting a wavelength identifying a byte value.
10. (Original) The method of claim 8, wherein the detecting comprises:
detecting a wavelength identifying a bit state.
11. (Original) The method of claim 8, wherein the detecting comprises:
detecting wavelengths identifying different bit states of a digital value.
12. (Original) The method of claim 11, wherein the digital value comprises a nibble.
13. (Original) The method of claim 8, wherein the receiving comprises:
receiving the signal from an optical fiber.
14. (Original) The method of claim 8, wherein the receiving comprises:
receiving the signal from an optical communication link.
15. (Currently Amended) A receiver comprising:
at least one detector coupled to a communication link to detect the presence of at least
~~one wavelength~~ three wavelengths in a signal received from the communication link to identify
data communicated over the communication link.
16. (Currently Amended) The receiver of claim 15, wherein said at least ~~one~~
~~wavelength comprises~~ three wavelengths comprise a wavelength identifying a byte value.
17. (Currently Amended) The receiver of claim 15, wherein said at least ~~one~~
~~wavelength comprises~~ three wavelengths comprise a wavelength identifying a bit state.
18. (Original) The receiver of claim 15, wherein said at least one detector receives
the signal from an optical fiber.

19. (Original) The receiver of claim 15, wherein said at least one detector comprises: multiple detectors, each detector to detect the presence of a different wavelength in the signal.

20. (Currently Amended) A transmitter comprising:
at least one source to provide a signal to a communication link to communicate a data value and selectively introduce at least ~~one wavelength~~ three wavelengths to the communication link, said at least ~~one wavelength~~ three wavelengths identifying the data value.

21. (Currently Amended) The transmitter of claim 20, wherein the present of said at least ~~one wavelength identifies~~ three wavelengths identify the particular data value.

22. (Currently Amended) The transmitter of claim 20, wherein said at least ~~one wavelength comprises~~ three wavelengths comprise a wavelength identifying a byte value.

23. (Currently Amended) The transmitter of claim 20, wherein said at least ~~one wavelength comprises~~ three wavelengths comprise a wavelength identifying a bit state.

24. (Original) The transmitter of claim 20, wherein said at least one source provides the signal to an optical communication link.

25. (Currently Amended) A system comprising:
a communication link;
a transmitter to provide a signal to the communication link to communicate a data value over the communication link and selectively introduce at least ~~one wavelength~~ three wavelengths to the signal, said at least ~~one wavelength~~ three wavelengths identifying the data value; and
a receiver coupled to the communication link to detect said at least ~~one wavelength~~ three wavelengths to identify the data value.

26. (Currently Amended) The system of claim 25, wherein the presence of said at least ~~one wavelength identifies~~ three wavelengths identify the particular data value.

27. (Currently Amended) The system of claim 25, wherein said at least ~~one wavelength comprises~~ three wavelengths comprise a wavelength identifying a byte value.

28. (Currently Amended) The system of claim 25, wherein said at least ~~one wavelength comprises~~ three wavelengths comprise a wavelength identifying a bit state.

29. (Original) The system of claim 25, wherein the communication link comprises an optical communication link.

30. (Currently Amended) A system comprising:
an optical fiber;

a transmitter to provide a signal to the optical fiber to communicate a data value over the optical fiber and selectively introduce at least ~~one wavelength~~ three wavelengths to the signal, said at least ~~one wavelength~~ three wavelengths identifying the data value and to indicate a particular data value; and

a receiver coupled to the optical fiber to detect said at least ~~one wavelength~~ three wavelengths to identify the data value.